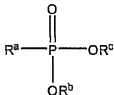


**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) An additive concentrate, comprising:
  - a) an extreme pressure compound comprising a sulfur-containing compound;
  - b) load carrying capacity enhancing combination including (i) a hydrocarbylamine compound selected from the group consisting of N-oleyl-trimethylene diamine, N-tallow-trimethylene diamine, N-coco-trimethylene diamine, and combinations thereof, and (ii) an alkylphosphoro(mono)thioate compound;
  - c) a long chain alkyl phosphonate friction modifying compound represented by the formula:

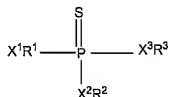


wherein R<sup>a</sup> is an alkyl group comprising from about 12 to about 16 carbon atoms and R<sup>b</sup> and R<sup>c</sup> each independently comprise from about 1 to about 4 carbon atoms; and

- d) a diluent oil,
- wherein any of compounds a), b)(i), b)(ii), and c) can be the same or different compounds.
2. (Cancelled)

3. (Cancelled)

4. (Previously Presented) The additive concentrate according to claim 1, wherein the alkylphosphoro(mono)thioate compound is generally represented by the formula:



where each of  $\text{R}^1$ ,  $\text{R}^2$ , and  $\text{R}^3$  is, independently, a substituted or nonsubstituted alkyl group or a hydrogen atom, and where at least one of  $\text{R}^1$ ,  $\text{R}^2$ , and  $\text{R}^3$  is a substituted or nonsubstituted alkyl group, and where each of  $\text{X}^1$ ,  $\text{X}^2$ , and  $\text{X}^3$  represents an oxygen atom.

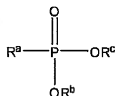
5. (Previously Presented) The additive concentrate according to claim 4, wherein at least one of  $\text{R}^1$ ,  $\text{R}^2$ , and  $\text{R}^3$  is an unsubstituted aliphatic alkyl group of 3 to 20 carbon atoms.

6. (Previously Presented) The additive concentrate according to claim 1, comprising about 20 to about 60 wt. % extreme pressure compound comprising a sulfur-containing compound; about 10 to about 30 wt. % hydrocarbylamine compound; about 10 to about 30 wt. % alkylphosphoro(mono)thioate compound; about 10 to about 30 wt. % friction modifying compound; and a minor amount of diluent oil.

7. (Previously Presented) The additive concentrate according to claim 1, wherein the extreme-pressure agent comprises a metal-free sulfur-containing extreme-pressure agent selected from the group consisting of sulfurized olefin and polysulfide composed of one or more groups represented by the formula  $\text{R}_a-\text{S}_x-\text{R}_b$  where  $\text{R}_a$  and

R<sub>6</sub> are hydrocarbaryl groups each of which contains 3 to 18 carbon atoms and x is in the range of from 2 to 8.

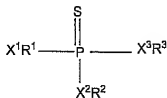
8. (Currently Amended) A composition, comprising:
- a) an extreme pressure compound comprising a sulfur-containing compound;
  - b) load carrying capacity enhancing combination including (i) a hydrocarbarylamine compound selected from the group consisting of N-oleyl-trimethylene diamine, N-tallow-trimethylene diamine, N-coco-trimethylene diamine, and combinations thereof, and (ii) an alkylphosphoro(mono)thioate compound;
  - c) a long chain alkyl phosphonate friction modifying compound represented by the formula:



wherein R<sup>a</sup> is an alkyl group comprising from about 12 to about 16 carbon atoms and R<sup>b</sup> and R<sup>c</sup> each independently comprise from about 1 to about 4 carbon atoms; and

- d) a base oil,
- wherein any of compounds a), b)(i), b)(ii), and c) can be the same or different compounds with the proviso that b)(i) and b)(ii) are different.
9. (Cancelled)
10. (Cancelled)

11. (Previously Presented) The composition according to claim 8, wherein the alkylphosphoro(mono)thioate compound is generally represented by the formula:



where each of  $\text{R}^1$ ,  $\text{R}^2$ , and  $\text{R}^3$  is, independently, a substituted or nonsubstituted alkyl group or a hydrogen atom, and where at least one of  $\text{R}^1$ ,  $\text{R}^2$ , and  $\text{R}^3$  is a substituted or nonsubstituted alkyl group, and where each of  $\text{X}^1$ ,  $\text{X}^2$ , and  $\text{X}^3$  represents an oxygen atom.

12. (Previously Presented) The composition according to claim 11, wherein at least one of  $\text{R}^1$ ,  $\text{R}^2$ , and  $\text{R}^3$  is an unsubstituted aliphatic alkyl group of 3 to 20 carbon atoms.

13. (Previously Presented) A composition according to claim 8, comprising about 0.5 to about 2.5 wt. % extreme pressure compound comprising a sulfur-containing compound; about 0.1 to about 1.0 wt. % hydrocarbylamine compound; about 0.1 to about 1.0 wt. % alkylphosphoro(mono)thioate compound; about 0.1 to about 1.0 wt. % friction modifying compound; and a major amount of diluent oil.

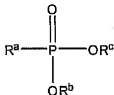
14. (Previously Presented) The composition according to claim 8, wherein the extreme-pressure agent comprises a metal-free sulfur-containing extreme-pressure agent selected from the group consisting of sulfurized olefin and polysulfide composed of one or more groups represented by the formula  $\text{R}_a\text{--S}_x\text{--R}_b$  where  $\text{R}_a$  and  $\text{R}_b$  are hydrocarbyl groups each of which contains 3 to 18 carbon atoms and  $x$  is in the range of from 2 to 8.

15. (Previously Presented) The composition according to claim 8, wherein the composition has a kinematic viscosity of at least 12 cSt at 100°C.

16. (Original) The composition according to claim 8, wherein the base oil has a viscosity in the range of SAE 50 to SAE 250.

17. (Original) The composition according to claim 8, wherein the base oil has a viscosity in the range of SAE 70W to SAE 140.

18. (Currently Amended) A method of manufacturing a composition comprising blending a base oil; an extreme pressure compound comprising a sulfur-containing compound; a hydrocarbylamine compound selected from the group consisting of N-oleyl-trimethylene diamine, N-tallow-trimethylene diamine, N-coco-trimethylene diamine, and combinations thereof; an alkylphosphoro(mono)thioate compound; and a long chain alkyl phosphonate friction modifying compound represented by the formula:



wherein R<sup>a</sup> is an alkyl group comprising from about 12 to about 16 carbon atoms and R<sup>b</sup> and R<sup>c</sup> each independently comprise from about 1 to about 4 carbon atoms.

19. (Original) A method of lubricating a gear comprising using as the lubricant for said gear a gear oil composition according to claim 8.

20. (Original) A lubed gear-box comprising a gear within the gear box, in which the gear is lubricated according to the method of claim 19.

21. (Original) A method of lubricating a wind turbine gear assembly comprising using as the lubricant for said gear assembly a composition according to claim 8.

22. (Original) A wind turbine gear assembly lubricated with a composition according to claim 8.